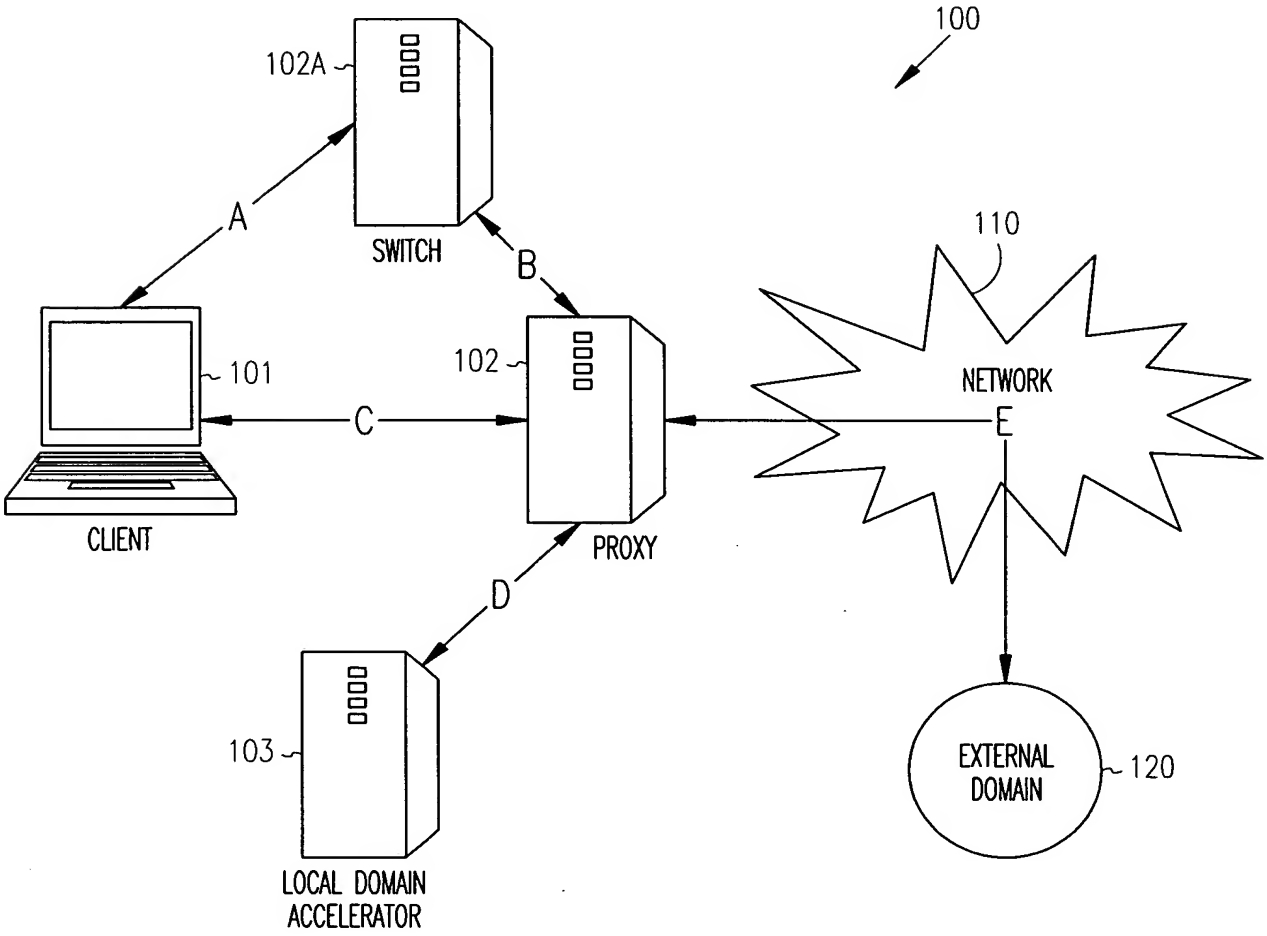
100
102A
SWITCH
A
B
110
NETWORK
E
101
102
C
CLIENT
PROXY
D
103
LOCAL DOMAIN
ACCELERATOR
EXTERNAL
DOMAIN
120

FIG. 1

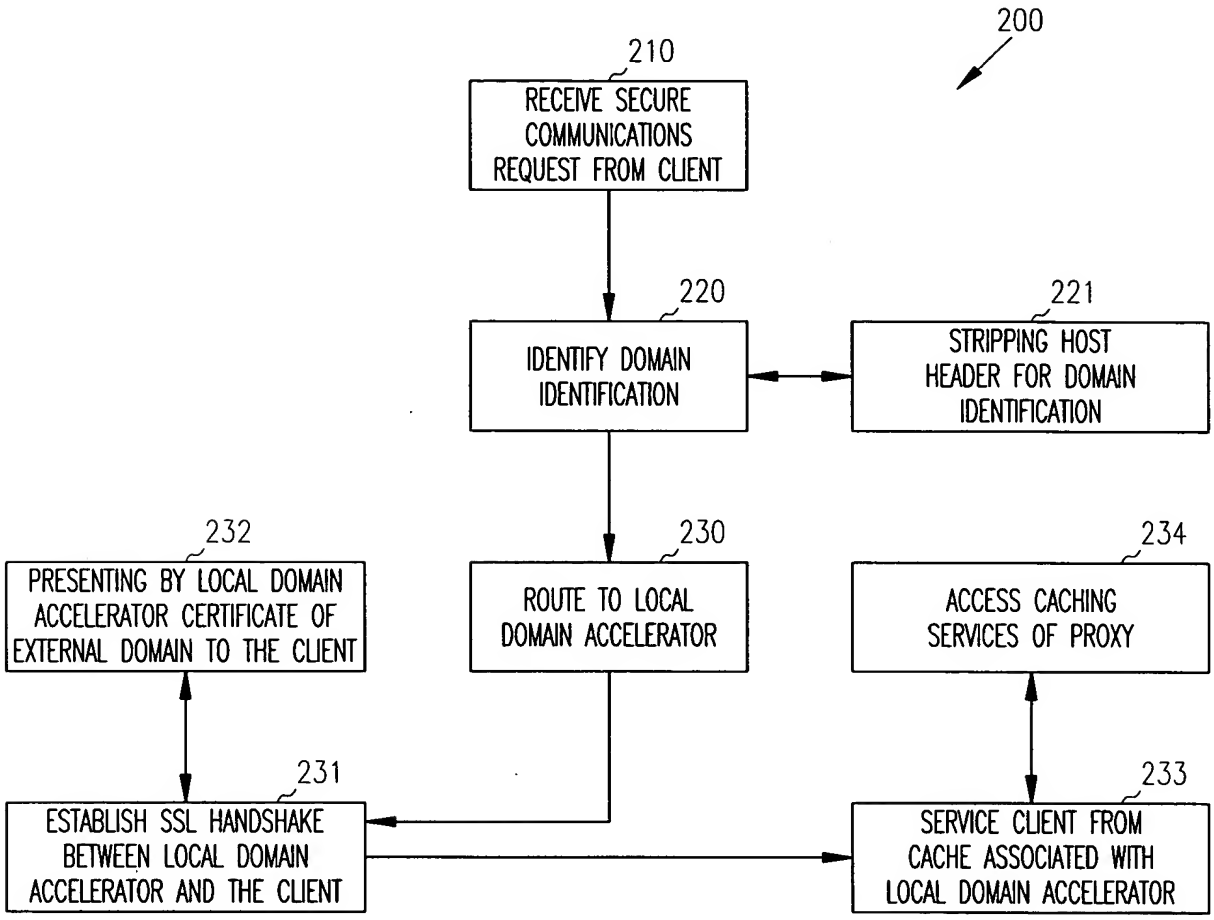
200
210
RECEIVE SECURE COMMUNICATIONS REQUEST FROM CLIENT
220
IDENTIFY DOMAIN IDENTIFICATION
221
STRIPPING HOST HEADER FOR DOMAIN IDENTIFICATION
230
ROUTE TO LOCAL DOMAIN ACCELERATOR
232
PRESENTING BY LOCAL DOMAIN ACCELERATOR CERTIFICATE OF EXTERNAL DOMAIN TO THE CLIENT
234
ACCESS CACHING SERVICES OF PROXY
231
ESTABLISH SSL HANDSHAKE BETWEEN LOCAL DOMAIN ACCELERATOR AND THE CLIENT
233
SERVICE CLIENT FROM CACHE ASSOCIATED WITH LOCAL DOMAIN ACCELERATOR

FIG. 2

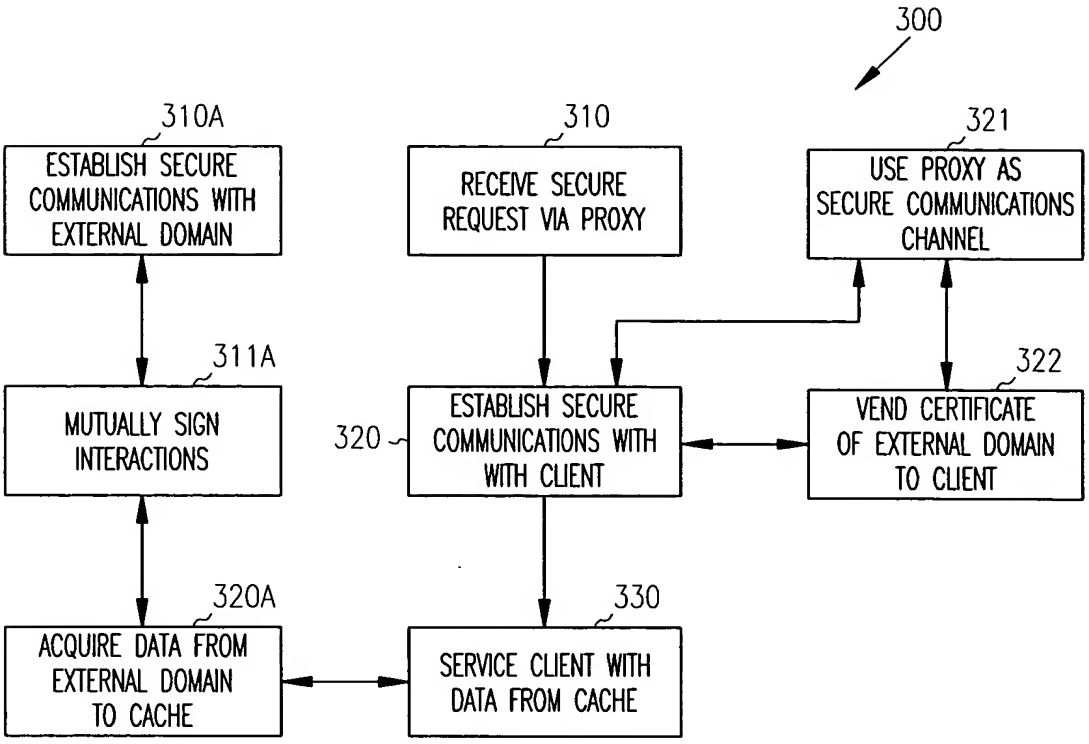
300
310A
ESTABLISH SECURE COMMUNICATIONS WITH EXTERNAL DOMAIN
310
RECEIVE SECURE REQUEST VIA PROXY
321
USE PROXY AS SECURE COMMUNICATIONS CHANNEL
311A
MUTUALLY SIGN INTERACTIONS
320
ESTABLISH SECURE COMMUNICATIONS WITH WITH CLIENT
322
VEND CERTIFICATE OF EXTERNAL DOMAIN TO CLIENT
320A
ACQUIRE DATA FROM EXTERNAL DOMAIN TO CACHE
330
SERVICE CLIENT WITH DATA FROM CACHE

FIG. 3

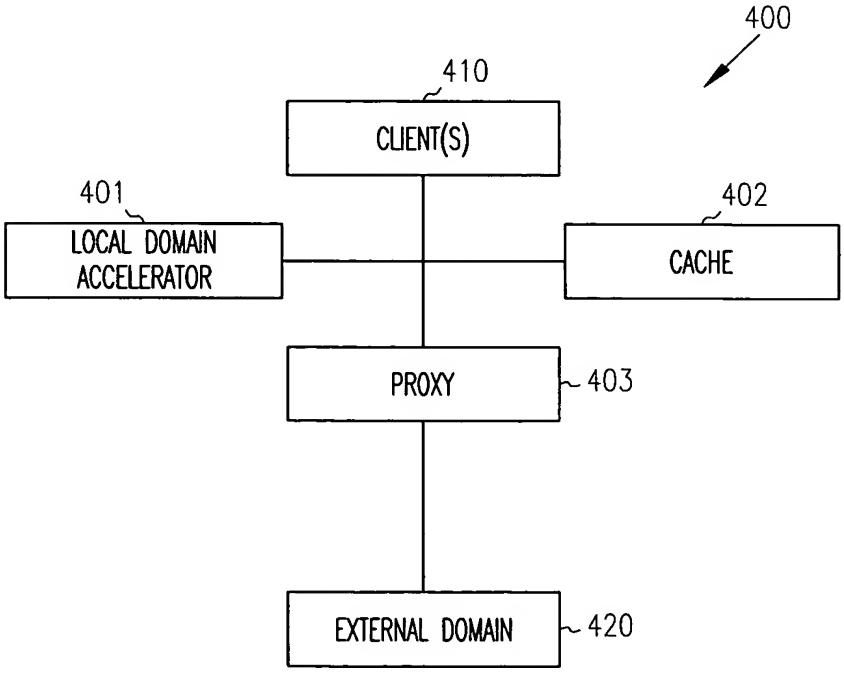
400
410
CLIENT(S)
401
LOCAL DOMAIN ACCELERATOR
402
CACHE
PROXY
403
EXTERNAL DOMAIN
420

FIG. 4